

Abstract of the Disclosure

A flash memory, and a flash memory access method and apparatus allowing memory access and error block recovery by creating a mapping table representing a physical address and status of a data block into a map block of the flash memory and referring to the mapping table. The flash memory includes a map block having a first mapping table containing a physical address allocated to each of blocks constituting a data block and status information of each of the blocks, a second mapping table containing mapping information between the physical address and a local address on each of the blocks in the first mapping table from which error blocks are excluded, and a third mapping table in which most recent mapping information is written and processed by a specified value to minimize an update operation of the second mapping table.